

CLAIMS

1. A vehicle wheel provided with a plurality of studs which extend radially from a rim of the wheel, the vehicle wheel being characterised in that at least some of the studs are parabolic or substantially parabolic in cross-section in a plane normal to the axis of the rotation of the wheel and generally parallel to the rolling direction of the wheel.
2. A vehicle wheel as claimed in claim 1 wherein all studs are parabolic or substantially parabolic.
3. A vehicle wheel as claimed in claim 1 or claim 2 in which each stud is paraboloid or substantially paraboloid in shape.
4. A vehicle wheel as claimed in one of the preceding claims in which the studs are arranged in two rows which extend around the circumference of the wheel and which are spaced apart in an axial direction of the wheel.
5. A vehicle wheel as claimed in claim 4 in which the two rows are offset so that the studs in one row are substantially half-way along the gap between the studs in the adjacent row.
6. A vehicle wheel as claimed in any of the preceding claims in which the length of each stud is between 20mm and 45mm in length.
7. A vehicle wheel as claimed in claim 6 in which the length of each stud is between 23mm and 30mm in length.
8. A vehicle wheel as claimed in any preceding claim in which the width of each stud at the base is between 15mm and 30mm.

9. A vehicle wheel as claimed in claim 8 in which the width of each stud at the base is between 18mm and 25mm.
10. A vehicle wheel as claimed in any one of claims 4 to 9 in which the two rows of studs are spaced apart in the axial direction of the wheel by substantially 30mm to 50mm.
11. A vehicle wheel as claimed in claim 10 in which the two rows of studs are spaced apart in the axial direction of the wheel by substantially 36mm.
12. A vehicle wheel as claimed in any one of the preceding claims in which the studs in each row are spaced apart by substantially 35mm to 80mm.
13. A vehicle wheel as claimed in claim 12 in which the studs in each row are spaced apart by substantially 41mm.
14. A vehicle wheel as claimed in any one of the preceding claims in which the studs are integrally formed with the wheel.
15. A vehicle wheel as claimed in any of claims 1 to 13 in which the studs are removable from the wheel.
16. A vehicle wheel as claimed in any of claims 1 to 13 in which the studs are provided on an elongate base which is adapted to be held in position against the rim of the wheel.
17. A vehicle wheel as claimed in claim 16 in which the base comprises a strip of resilient material.

18. A vehicle wheel as claimed in claim 17 in which the resilient strip is provided with attachment means adapted to attach one end of the base to the other around the wheel.
19. A vehicle as claimed in claim 18 in which the attachment means comprise the two opposing surfaces of a hook and loop fastener.
20. A vehicle wheel as claimed in claim 19 in which the ends of the base are angled at approximately 45 degrees to the sides.
21. A vehicle wheel as claimed in claim 20 in which the base and the studs are formed from a single piece of resilient material.
22. A vehicle wheel as claimed in claim 17 in which the base comprises a continuous loop of resilient material.
23. A vehicle wheel as claimed in claim 20 in which each stud comprises a base portion and a body portion, in which the base portion is provided with a male portion of an attachment means and the body portion is provided with a female portion of the attachment means, and in which the base portion and the body portion can be attached together with the male portion of the attachment means protruding through an aperture provided in the base.
24. A vehicle wheel as claimed in claim 23 in which the base is substantially the same dimensions as the outer peripheral rim surface of the wheel.
25. A vehicle wheel as claimed in claim 17 in which the base is between substantially 70mm and 125mm in width.
26. A vehicle wheel as claimed in any one of the preceding claims in which the wheel is adapted for use with a golf trolley.

27. A vehicle wheel as claimed in any of claims 1 to 25 in which the wheel is adapted to be used with a golf buggy or cart.
28. A set of studs for mounting on a vehicle wheel, each stud being characterised in that it is paraboloid or substantially paraboloid
29. A base for mounting on the rim of a vehicle wheel for use with a golf course traversing vehicle and including a plurality of studs upstanding from one surface of the base, the base being characterised in that when it is mounted on the rim of a vehicle wheel, the studs are parabolic in cross-section in a plane normal to the axis of the wheel and parallel to its rolling direction.
30. A golf course traversing vehicle provided with wheels, a set of studs or a base as claimed in any one of the preceding claims.